

EFFICACY REVIEW

DATE: IN 2-13-97 OUT 4- 7-97

FILE OR REG. NO. 432-811

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED January 31, 1997

DATE OF SUBMISSION January 27, 1997

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I,)D, H, F, N, R, S _____

DATA ACCESSION NO(S) . 442086-01;D233400;S518568;Case#039508;AC:305

PRODUCT MGR. NO. 13-LaRocca/Arrington

PRODUCT NAME(S) InterCept™ Lawn & Ornamental Insect Control Granules

COMPANY NAME Agrevo Environmental Health

SUBMISSION PURPOSE Provide performance data in support of claim for
control of deer tick stages in turf at standard
application rate for area treatment by broadcast.

CHEMICAL & FORMULATION Deltamethrin: (s)- α -cyano-3-phenoxybenzyl-
(1R,3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate
0.1%
(granular material of unspecified bulk density)

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession
(MRID) Number 442086-01, having been obtained from a standard field
test meeting requirements of § 95-11(b)(1) and (3)-(7) on p. 268
and § 95-4(a)(1)-(2) and (4)-(6) on p. 246 and the standard of §
95-11(c)(2)(ii)(A)(b) on p. 270 of the Product Performance Guide-
lines (to the extent that these sections are applicable to a granu-
lar material intended for area tick control), are adequate to dem-
onstrate the ability of a formulation virtually identical to the
subject product to kill nymphs of the deer tick, Ixodes scapularis,
when applied by means of "shaker jars" to simulate broadcast treat-
ment by means of a mechanical spreader, at a rate equivalent to 3.0
pounds of product per 1,000 square feet of turf, followed by irri-
gation with 1/2 inch of water or the equivalent. The data include
2 other formulations with the same concentration of active ingredi-
ent, and results with all 3 formulations were virtually the same,
resulting in 100% mortality of nymphs placed on the study plots.

RL Vern L. McFarland, IRB